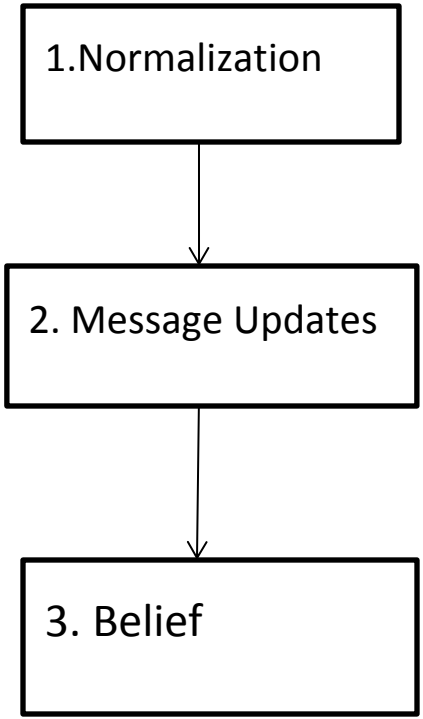

1. Normalization is required ,To avoid While continuously multiplying probabilities, messages becomes zero and hits the floating point limits.

2. Messages are updated by joint probability of data cost, smoothness cost and for all incoming messages which are marginalized over given disparity is done in second step.

The final message in message update or generation step is a vector and size of the vector depends on disparity value.

3. the values of belief can be found either by Max Product belief propagation or by Minimum of Sum